Pacific Disaster Center *Area Brief: General Executive Summary*	HONOLULU 08:00:57 19 Jan 2018	HERMOSILLO 11:00:57 19 Jan 2018	WASH.D.C. 13:00:57 19 Jan 2018	ZULU 18:00:57 19 Jan 2018	NAIROBI 21:00:57 19 Jan 2018	BANGKOK 01:00:57 20 Jan 2018

Region Selected » Lower Left Latitude/Longitude: 23.6795 N˚ , -114.107 E˚
Upper Right Latitude/Longitude: 29.6795 N˚ , -108.107 E˚

Situational Awareness

Additional information and analysis is available for Disaster Management Professionals. If you are a Disaster Management Professional and would like to apply for access, please register here. Validation of registration information may take 24-48 hours.

Current Hazards:

Recent Earthquakes

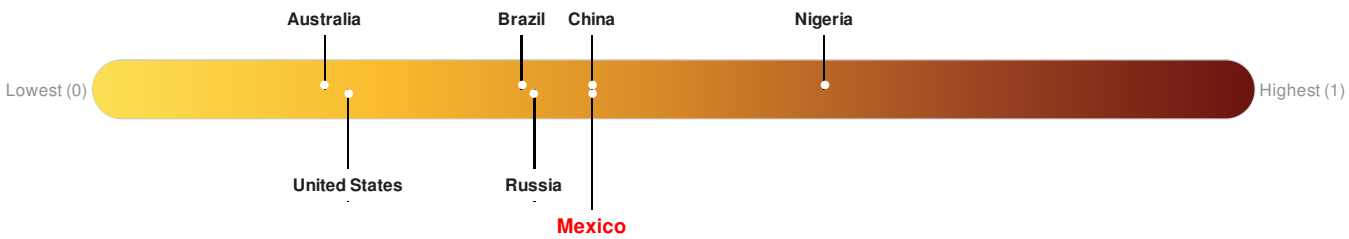
Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long
		19-Jan-2018 16:22:28	6.3	10	77km NNE of Loreto, Mexico	26.68° N / 111.11° W

Source: PDC

Lack of Resilience Index:

The Lack of Resilience Index assesses the susceptibility to impact and the short-term inability to absorb, respond to, and recover from disruptions to a country's normal function.

Mexico ranks **82** out of **165** countries assessed for Lack of Resilience. Mexico is less resilient than 51% of countries assessed. This indicates that Mexico has medium susceptibility to negative impacts, and is more able to respond to and recover from a disruption to normal function.



Source: PDC

Regional Overview

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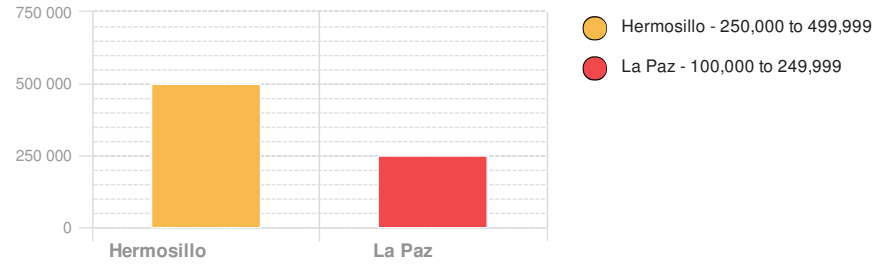
Population Data:

2011

Total: 3, 138, 834
Max Density: 20, 786(ppl/km^2)

Populated Areas:



Source: iSciences

Risk & Vulnerability

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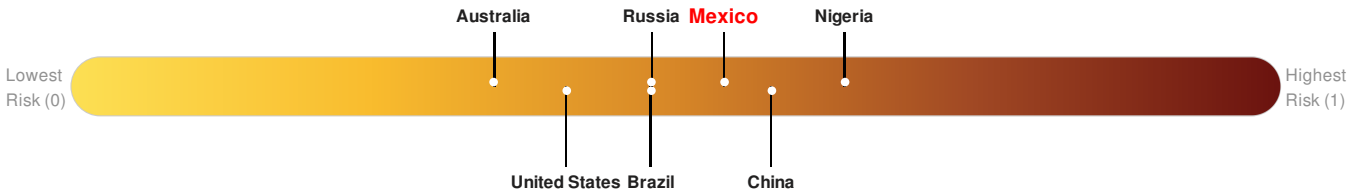
Multi Hazard Risk Index:

The Multi Hazard Risk index assesses the likelihood of losses or disruptions to a country's normal function due to the interaction between exposure to multiple hazards (tropical cyclone winds, earthquake, flood and tsunami), socioeconomic vulnerability, and coping capacity

Multi-Hazard Exposure **Mexico** ranks **53** out of **165** countries assessed for Multi Hazard Risk. Mexico has a Multi Hazard Risk higher than 68% of countries assessed. This indicates that Mexico has more likelihood of loss and/or disruption to normal function if exposed to a hazard.



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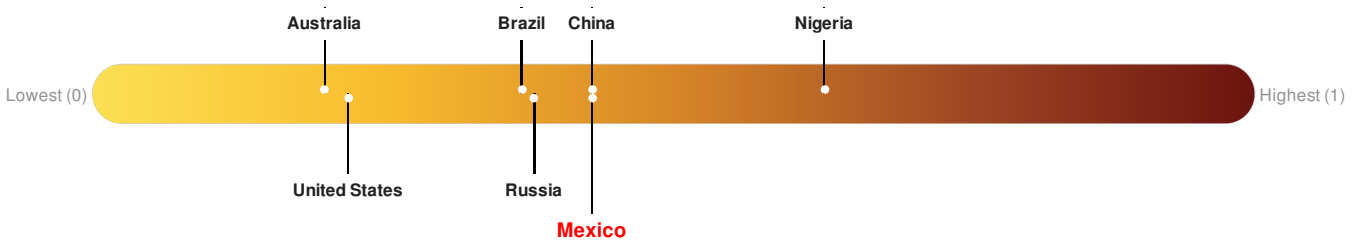

Source: PDC

Historical Hazards

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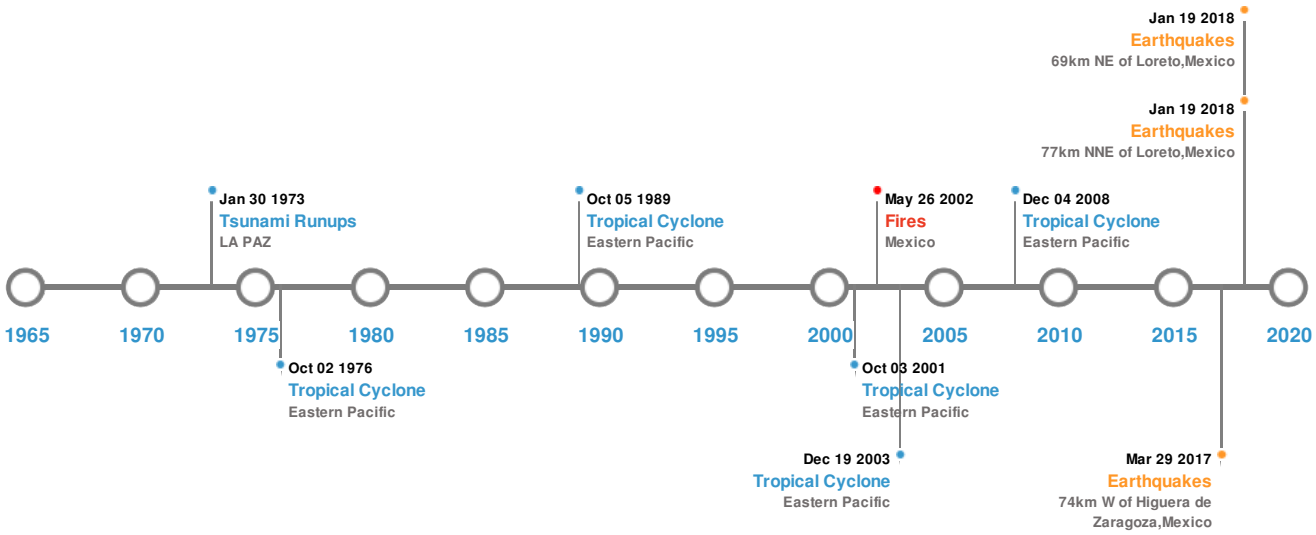

Earthquakes:

5 Largest Earthquakes (Resulting in significant damage or deaths)

Event	Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long
	12-Dec-1902 00:23:00	7.80	60	MEXICO: BAJA CALIFORNIA	29° N / 114° W
	16-Oct-1907 00:14:00	7.70	60	MEXICO: GULF OF CALIFORNIA	28° N / 112.5° W
	19-Jan-2018 16:17:46	6.50	16	69km NE of Loreto, Mexico	26.51° N / 110.92° W
	19-Jan-2018 16:17:42	6.30	10	77km NNE of Loreto, Mexico	26.68° N / 111.11° W
	29-Mar-2017 15:15:26	5.70	10	74km W of Higuera de Zaragoza, Mexico	26° N / 110.02° W

Source: Earthquakes

Volcanic Eruptions:

5 Largest Volcanic Eruptions (Last updated in 2000)

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	TRES VIRGENES	25-May-1746 00:00:00	0.00	MEXICO	27.47° N / 112.59° W

Source: Volcanoes

Tsunami Runups:

5 Largest Tsunami Runups

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	22-May-1960 07:56:00	MEXICO	0.73	-	LA PAZ	24.16° N / 110.34° W
	22-May-1960 08:16:00	MEXICO	0.39	-	GUAYMAS	27.93° N / 110.89° W
	28-Mar-1964 12:27:00	MEXICO	0.27	-	LA PAZ	24.16° N / 110.34° W
	30-Jan-1973 00:00:00	MEXICO	0.21	-	LA PAZ	24.16° N / 110.34° W
	09-Mar-1957 00:00:00	MEXICO	0.2	-	LA PAZ	24.16° N / 110.34° W

Source: Tsunamis

Wildfires:

5 Largest Wildfires

Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long
	10-May-2002 00:00:00 - 26-May-2002 00:00:00	9.00	Mexico	26.16° N / 108.13° W

Source: Wildfires

Tropical Cyclones:

5 Largest Tropical Cyclones

Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long
	JIMENA	29-Aug-2009 09:00:00 - 04-Sep-2009 21:00:00	155	931	Eastern Pacific	20.52° N / 107.75° W
	JAVIER	11-Sep-2004 03:00:00 - 19-Sep-2004 21:00:00	150	No Data	Eastern Pacific	19.82° N / 103.8° W
	JULIETTE	21-Sep-2001 21:00:00 - 03-Oct-2001 03:00:00	144	No Data	Eastern Pacific	21.57° N / 104.4° W
	RAYMOND	25-Sep-1989 06:00:00 - 05-Oct-1989 18:00:00	144	935	Eastern Pacific	23.07° N / 108.55° W
	LIZA	26-Sep-1976 00:00:00 - 02-Oct-1976 00:00:00	138	No Data	Eastern Pacific	20.42° N / 108.2° W

Source: Tropical Cyclones

Disclosures

* As defined by the source (Dartmouth Flood Observatory, University of Colorado), Flood Magnitude = LOG(Duration x Severity x Affected Area). Severity classes are based on estimated recurrence intervals and other criteria.